

OIL TERMINALS AND TRANSPORTATION SESSION

SEPTEMBER 6 - OCTOBER 4, 2003

TRAINING TOPICS

Design Engineering and Construction

- G Terminal Design and Configuration
- G Siting of Marine Terminals
- G Draft Design
- G Vessel Maneuvering
- G Mooring and Maneuvering Area
- G Safety Fairways
- G Anchorage Areas
- G Dredging and Land Reclamation
- G Dredging Vessels
- G Marine Tanker Moorings
- G Marine Tanker Loadings
- G Single Point Moorings
- G Multi Point Moorings
- G Spread Moorings and Fixed Berths
- G Hose Systems
- G Storage Facilities
 - G Shore Tanks
 - G Tanks Farms

Conditions

- G Deepwater
- G Cold Climate

Design/Construction and Operation of Pipelines

- G Pipeline Routing
- G Subsea Pipelines/Underwater Crossings
- G Pipeline End Manifold (PLEM)
- G Export Pipelines

Operations

- G Mooring and Demoorings
- G Loading/Offloading Sea Vessels
- G Offshore Loading Facilities
- G Control Platforms
- G Vessel Traffic Controllers
- G Pumping Platforms
- G Types of Crude/Monitoring
- G Quality Bank
- G Automated Control Systems
- G Measuring/Metering
- G Oil Movement Controllers
- G Crude Quality
- G Custody Transfer

Environmental

- G Oil Spill Prevention
- G Leak Detection
- G Water Treatment
- G Regulatory Requirements
- G Risk and Environmental Impact Studies

General Topics

- G Project Management
- G Procurement and Contracting
- G Financing
- G Company Organization/Management
- G Federal Legislation
- G Business Plans/Strategy Plans